Polyisobutene PIB 122

Description:

PIB 122 is obtained by polymerization of an isobutene rich stream with specific catalysts. Product is composed predominantly of aliphatic mono-olefins. The product is clear, bright and free from sediments or suspended matter.

PIB 122 is a non-toxic polymer and has NSF certification. It can be used in lubricants and synthetic oils formulation, including for food grade and pharmaceutical grade.

Applications:

Lubricants, Adhesives

Typical Values:

Feature	Method	Units	Values
Viscosity (@ 100°C)	ASTM D 445	cSt	3200
Water	ASTM D 6304	ppm	50
Flash Point	ASTM D 92	°C	235
Color	ASTM D 1209	Pt-Co	50
Molecular Weight (Mn)	Internal - GPC	Daltons	2425
Polydispersity Index (Mw/Mn)	Internal - GPC	-	3.40
Pour Point	ASTM D 97	°C	16
Density (20/4°C)	ASTM D 4052	-	0.91
Refractive Index	ASTM D 1218	nD	1.50
Chlorine	ASTM D 5808	ppm	170

Packaging and storage:

PIB is supplied in 175 kg metallic drums or in isotanks. Polybutene polymer must be stored at temperatures under 50°C, and protected from direct sunlight, moisture and in order to avoid direct contact with the soil.

Shelf life:

3 (three) years from production, since the recommended storage conditions are respected.

Legal Statement

1. For safety, handling, personal protection, first aid and waste disposal information, refer to the SDS - Safety Data Sheet.
2. For any doubt concerning material handling or application, please contact the Technical Services area.
3. The properties and values contained in the quality certificate must be considered as a guarantee of the product. For typical values, when provided, the information is given in good faith and obtained in our laboratories, and should not be considered as absolute or as a guarantee.
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